

### REMARKS

Reconsideration and allowance of the subject application are respectfully solicited.

Claims 1 through 3, 5, and 8 through 16 are pending, with Claims 1, 9, and 10 being independent. Claims 6 and 7 have been cancelled without prejudice. Claims 1, 5, and 9 through 16 have been amended.

Claims 1 through 3 and 5 through 16 were (a) objected to for informalities, (b) rejected under 35 U.S.C. § 112, 1<sup>st</sup> paragraph, as lacking written description, and (c) rejected under 35 U.S.C. § 112, 2<sup>nd</sup> paragraph, as being indefinite. All objections and rejections are respectfully traversed, and are submitted to have been obviated by the amendment of the claims in a manner earnestly believed to avoid the grounds of objection and rejection. In particular, as to (a), the claims have been amended along the lines kindly suggested in the Official Action, with the addition of the term --wherein--. As to (b) and (c), the objected-to expression “arranged along a side of the chip not parallel to the side of the chip...” has been deleted and replaced with --arranged along a side of the chip not parallel to a side of the chip along which a horizontal scanning circuit, of the horizontal scanning circuits, is arranged--, which Applicants submit is supported by, e.g., Fig. 1 and the description thereof at p. 15, line 20 et seq., and which is not unclear.

The dependent claims are also submitted to be patentable because they set forth additional aspects of the present invention and are dependent from independent claims discussed above. Therefore, separate and individual consideration of each dependent claim is respectfully requested.

### REQUEST FOR ENTRY OF AMENDMENT

This Amendment After Final Rejection is an earnest attempt to advance prosecution and reduce the number of issues, and is believed to clearly place this application in condition for allowance. Furthermore, Applicants respectfully submit that a full appreciation of these amendments will not require undue time or effort given the Examiner's familiarity with this application. Moreover, this Amendment was not earlier presented because Applicants earnestly believed that the prior Amendment placed the subject application in condition for allowance. Accordingly, entry of this Amendment under 37 C.F.R. § 1.116 is respectfully requested.

### CONCLUSION

Applicants submit that this application is in condition for allowance, and a Notice of Allowance is respectfully requested.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

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